

IN THE SPECIFICATION

Please amend the specification as follows:

On page 1, between the Title and the subheading FIELD OF INVENTION insert the following new paragraph:

---CROSS REFERENCE TO RELATED APPLICATION

This application is a continuation application which claims the priority of prior application serial number 09/491,185, entitled "Solvent and Method for Extraction of Triglyceride Rich Oil", filed January 25, 2000.---

IN THE CLAIMS

Please amend the following claims:

1. (Once amended) A solvent for extracting oil from an oil bearing material so as to form an extracted oil comprised of greater than 95% by weight triglycerides and other non-polar constituents, with said solvent having a polarity no greater than about 0 and a viscosity ranging between about 0.3 centipoise and about 2.6 centipoise, whereby the triglycerides are miscible in said solvent at a temperature ranging between about 35° C and about 55° C and after extraction of the triglycerides said solvent and the triglycerides form a miscella, and at a temperature ranging between about 15° C and about 25° C, said miscella will form distinct solvent and oil layers that can be separated, said solvent comprising:

(a) an amount of a low molecular weight hydrocarbon having a viscosity of less than 2.6 centipoise; and,

(b) a fluorocarbon solvent or a chlorocarbon solvent wherein said chlorocarbon is selected from the group consisting of CH_2Cl_2 , $\text{C}_2\text{H}_3\text{Cl}_3$, and C_2HCl_3 ; with the provisos that (i) when said fluorocarbon is dichlorotrifluoroethane, said hydrocarbon is not n-pentane or isopentane; (ii) when said fluorocarbon is dichloropenta-

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fluoropropane, said hydrocarbon is not a C₆ aliphatic or C₆ cycloaliphatic hydrocarbon;
(and (iii) when said fluorocarbon is perfluorohexane, said hydrocarbon is not isohexane.

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11. (Once amended) The solvent of claim 10 wherein said fluorocarbon solvent is selected from the group consisting of C₅H₂F₁₀, C₆HF₁₃, C₇HF₁₅, C₁₀HF₂₁, C₅F₁₂, C₇F₁₆, C₆F₁₄, C₈F₁₈, C₂Cl₃F₃, CCl₃F, C₃Cl₂F₆, C₄Cl₂F₈, C₄Cl₃F₇, C₆ClF₁₃, C₃HCl₂F₅, and C₂HCl₂F₃.

16. (Once amended) A solvent for extracting oil from an oil bearing material so as to form an extracted oil comprised of greater than 95% by weight non-polar constituents, with said solvent having a polarity no greater than about 0 and a viscosity less than about 2.6 centipoise, whereby the non-polar constituents are miscible in said solvent at a temperature ranging between about 35° C and about 55° C and after extraction of the non-polar constituents, said solvent and the non-polar constituents separate at a temperature ranging between about 15° C and about 25° C, forming distinct solvent and oil layers that can be separated, said solvent comprising:

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(a) an amount of a low-molecular weight hydrocarbon; and,
(b) a non-polar halogenated solvent;

with the provisos that (i) when said fluorocarbon is dichlorotrifluoroethane, said hydrocarbon is not n-pentane or isopentane; (ii) when said fluorocarbon is dichloropentafluoropropane, said hydrocarbon is not a C₆ aliphatic or C₆ cycloaliphatic hydrocarbon; and (iii) when said fluorocarbon is perfluorohexane, said hydrocarbon is not isohexane.

Please cancel claims 6-8, 15 and 17-30 without prejudice.

Please add the following new claims.

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31. (New) A solvent for extracting oil from an oil bearing material so as to form an extracted oil comprised of greater than 95% by weight triglycerides and other non-polar constituents, with said solvent having a polarity no greater than about 0 and a

viscosity ranging between about 0.3 centipoise and about 2.6 centipoise, whereby the triglycerides are miscible in said solvent at a temperature ranging between about 35° C and about 55° C and after extraction of the triglycerides said solvent and the triglycerides form a miscella, and at a temperature ranging between about 15° C and about 25° C, said miscella will form distinct solvent and oil layers that can be separated, said solvent comprising:

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- (a) an amount of a low molecular weight hydrocarbon having a viscosity of less than 2.6 centipoise; and,
 - (b) a fluorocarbon solvent or a chlorocarbon solvent wherein said chlorocarbon is selected from the group consisting of CH_2Cl_2 , $\text{C}_2\text{H}_3\text{Cl}_3$, and C_2HCl_3 ; and wherein said fluorocarbon solvent is selected from the group consisting of $\text{C}_5\text{H}_2\text{F}_{10}$, C_6HF_{13} , C_7HF_{15} , $\text{C}_{10}\text{HF}_{21}$, C_5F_{12} , C_7F_{16} , C_8F_{18} , $\text{C}_2\text{Cl}_3\text{F}_3$, CCl_3F , $\text{C}_3\text{Cl}_2\text{F}_6$, $\text{C}_4\text{Cl}_2\text{F}_8$, $\text{C}_4\text{Cl}_3\text{F}_7$, and $\text{C}_6\text{ClF}_{13}$.

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32. (New) A solvent for extracting oil from an oil bearing material so as to form an extracted oil comprised of greater than 95% by weight non-polar constituents, with said solvent having a polarity no greater than about 0 and a viscosity less than about 2.6 centipoise, whereby the non-polar constituents are miscible in said solvent at a temperature ranging between about 35° C and about 55° C and after extraction of the non-polar constituents, said solvent and the non-polar constituents separate at a temperature ranging between about 15° C and about 25° C, forming distinct solvent and oil layers that can be separated, said solvent comprising:

- (who's viscosity?)
- (a) an amount of a low molecular weight hydrocarbon; and,
 - (b) a non-polar halogenated solvent;
- wherein said non-polar halogenated solvent is selected from the group consisting of CH_2Cl_2 , $\text{C}_2\text{H}_3\text{Cl}_3$, C_2HCl_3 , $\text{C}_5\text{H}_2\text{F}_{10}$, C_6HF_{13} , C_7HF_{15} , $\text{C}_{10}\text{HF}_{21}$, C_5F_{12} , C_7F_{16} , C_8F_{18} , $\text{C}_2\text{Cl}_3\text{F}_3$, CCl_3F , $\text{C}_3\text{Cl}_2\text{F}_6$, $\text{C}_4\text{Cl}_2\text{F}_8$, $\text{C}_4\text{Cl}_3\text{F}_7$, and $\text{C}_6\text{ClF}_{13}$.